

Customer No.: 31,561
Application No.: 10/709,038
Docket No.: 09005-US-PA

REMARKS

Present Status of the Application

The Office Action presently only examines species 1 for claims 1-6.

The Office Action provisionally rejected claims 1-6 under 35 U.S.C. 101 as claiming the same invention as that claims 1-6 of copending Application No. 10/709,034. Since the Application No. 10/709,034 is a duplicate application, Applicant respectfully submits that Application No. 10/709,034 is subjected to abandonment and no response will be submitted in reply to the Office Action dated September 19, 2005. Applicant has also added claims 21-22 based on a generic feature of the present invention. After entry of amendments, claims 1-6 and 21-22 remain pending in the present application, and reconsideration of those claims is respectfully requested.

Discussion for Amendments

The present invention has the generic feature that the a-Si layer 218 is transformed into polysilicon layer 224 by the annealing 222, resulting in crystallization from a-Si into polysilicon. In this process, the concave region of a structural substrate plays the key generic feature, so as to induce the crystallization direction. The structural substrate is not limited to a specific structure.

Independent claim 21 recites the generic features.

Dependent claim 22 further recites an additional structure that a hole can be formed under the concave region. Even though claim 22 is shown in FIG. 4F but not in FIG. 2E, with the generic feature, claim 22 can be considered together under the independent claim 21.

For at least the foregoing reasons, Applicant respectfully submits that independent claims 1

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and 21 patently define over the prior art, and should be allowed. For at least the same reasons, dependent claims 2-6 and 22 patently define over the prior art as well.

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CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 1-6 and 21-22 of the invention patentably define over the prior art and are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Date :

April 19, 2006

Respectfully submitted,

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